

# smiths

## Smiths Detection

60A Columbia Road  
Morristown, NJ 07960  
USA  
T: +1 973 496 8200 F: +1 973 496 9300  
www.smithsdetection.com

*Br 2*

March 10, 2011

John Jankovich, Ph.D.  
US Nuclear Regulatory Commission  
11555 Rockville Pike  
Rockville, MD 20852

*03032123*

RE: Amendment to Radioactive Materials License No. 29-28620-01

Dear Dr. Jankovich:

Smiths Detection requests an amendment to our radioactive materials license no. 29-28620-01 to appoint Peter Daphnis as our new radiation safety officer. Enclosed is his resume and certificate of radiation safety officer training.

In addition we request removal of lines 6A-8A and 6C-8C on our license and reduction of the scope of our license under item 9 from R & D, manufacturing and distribution to service performed at temporary job sites. We do not perform manufacturing at this site, and distribution of products is covered under NRC license 29-28620-04E. Possession and R & D is currently covered under our state of New Jersey license.

If you have any questions please call me at If you have any questions please call me at 973-496-9320 or email me at [richard.keosian@smithsdetection.com](mailto:richard.keosian@smithsdetection.com).

Sincerely,



Richard Keosian  
Radiation Safety Officer

REC'D IN LAT APR - 5 2011

Smiths Detection  
A Smiths Group Company *574847*

NMSS/RGN1 MATERIALS-002

Peter Daphnis  
Smiths Detection Inc.  
Radiation Safety Officer  
Product Specialist Rad/Nuc  
60A Columbia Road  
Morristown, NJ 07960  
Direct: 1 973 496 9279  
Mobile: [REDACTED]  
[peter.daphnis@smithsdetection.com](mailto:peter.daphnis@smithsdetection.com)

#### PROFESSIONAL EXPERIENCE:

##### Smiths Detection-Life Science Group, 02/2006-Present

Smiths Detection develops and markets analytical instruments for the trace detection of chemicals such as explosives and illicit narcotics; utilizing IMS: Ni-63 technology. Currently product specialist; Portable Radiation Identifier/ Neutron detection products.

##### Supervisor, GC/HPLC, Analytical Chemist. H2M Laboratories, Inc., 1986-2006

H2M Labs delivers environmental analytical services to water districts, consulting engineering firms, EPA Superfund site administrators, commercial real estate developers. Possesses high level of expertise of Perkin Elmer AutoSystem/Clarus 500, Agilent 6890 GC's, ECD (Ni-63) FID, NPD, PID and EICD detectors. Also Shimadzu, Perkin Elmer, HP, HPLC systems with Fluorescence, UV, and Diode Array detectors; Tekmar auto samplers/liquid concentrators. Also responsible for the proper maintenance and documentation of all Ni-63 detector sources

#### EDUCATION:

St. John's University, The Peter J. Tobin College of Business, MBA in Finance, 1998.

- Beta Gamma Sigma-National Honor Society.
- Omicron Delta Epsilon-International Honor Society in Economics.
- Financial Executives Institute Award-1998.

Queens College, of the City University of New York, BA in Chemistry, 1983.

Restek-GC/LC Troubleshooting Course.

Agilent Technologies-High Speed LC and GC Techniques.

Restek-GC/MS Training Seminar

# Certificate of Training

Awarded To

*Peter Daphnis*

Recognizing completion of 5 days of specialized instruction in

**Radiation Safety Officer with  
DOT Certification**

February 4, 2011

Presented By

*Dade Moeller Radiation Safety Academy*

438 N. Frederick Avenue, Suite 220, Gaithersburg, MD 20877

[www.moellerinc.com/academy](http://www.moellerinc.com/academy) -- 301-990-6006

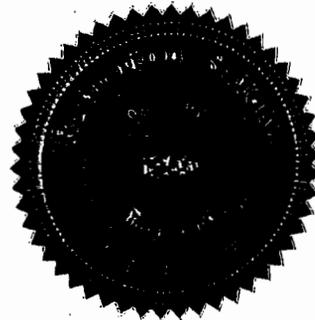
ABIH has awarded this course 7.35 CM Points, CM Approval # 09-4747

AAHP has awarded this course 32 CEC, #2011-00-021

ARRT and SNMT have awarded up to 42.5 CEH's, 027194-027227



Ray Johnson, MS, PE, FHPS, CHP  
Vice President, Training Programs



# Certificate of Training

This Certifies That

*Peter Daphnis*

has been trained, tested and successfully completed specialized instruction in

**DOT, NRC & IATA Requirements for  
Shipping Radioactive Material**

**February 4, 2011**

Presented By: **Sean M. Austin, Instructor**  
*Dade Moeller Radiation Safety Academy*  
438 N. Frederick Avenue, Suite 220, Gaithersburg, MD 20877  
[www.moellerinc.com/academy](http://www.moellerinc.com/academy) -- 301-990-6006

Presented For: **Smiths Detection**

Presented At: **Gaithersburg, MD**

This certifies that the employee named on this certificate has been trained and tested in accordance with the training requirements of 49 CFR 172, Subpart H.

\_\_\_\_\_  
Employer's Signature

This certificate is valid for 24 months for ICAO/IATA and for three years for U.S. Department of Transportation and U.S. Nuclear Regulatory Commission or Agreement State Agencies.

*Sean M. Austin*

Sean Austin, MS, CHP  
Senior Health Physicist